ENTOMOLOGICAL REVIEW

CONTENTS FOR 1977

NUMBER 1

	English Page	Russian Page
Sukhoruchenko, G.I., O.D. Niyazov and Yu.A. Alekseyev: The Effect of Modern Pesticides on the Beneficial and Harmful Insect Fauna of Cotton	1	3
TYSHCHENKO, V.P. AND A.G. KHACHATRYAN: The Way in Which Time is Recorded in Photoperiodic Induction of the Diapause in the Cabbage Moth, Barathra brassicae (Lepidoptera, Noctuidae)	11	15
KUZNETSOV, V.I. AND A.A. STEKOL'NIKOV: Phylogenetic Relationships between the Superfamilies Psychoidea, Tineoidea and Yponomeutoidea (Lepidoptera) in the Light of the Functional Morphology of the Male Genitalia. Part 2. Phylogenetic Relationships of the Families and Subfamilies	14	19
AGEKYAN, N.G.: Clitostethus arcuatus Rossi (Coleoptera, Coccinellidae), a Predator of the Citrus Whitefly in Adzharia	22	31
GRINFEL'D, E.K.: The Feeding of the Social Wasp Polistes gallicus (Hymenoptera, Vespidae)	24	34
ZHIL'TSOVA (ZHILTZOVA), L.A.: The Stoneflies (Plecoptera) of the Ukrainian Carpathians, Fauna and Ecology	30	43
MEDVEDEV, S.I. AND I.V. CHIKILEVSKAYA: A Zoogeographical Account of the Coleoptera Found in Rodents Nests in the Byelorussian Poles'ye	38	53
KOROTYAYEV, B.A.: An Ecological and Faunistic Review of the Weevils (Coleoptera, Curculionidae) of the Northeast of the USSR	43	60
SAKHAROVA, A.V.: The Fungus Gnats (Diptera, Mycetophilidae) of Moscow Province	50	71
SYCHEVSKAYA, V.I.: Pasture Flies (Diptera) of Uzbekistan	58	79
VISHNYAKOVA, V.N.: The Little-Known Species Ectopsocopsis xerophylla Vish. (Psocoptera, Ectopsocidae)	65	88
GEGECHKORI, A.M.: New Species of Jumping Plant Lice (Homoptera, Psylloidea) from Transcaucasia	69	93
DANTSIG, YE.M. (E.M. DANZIG): On the Nomenclature and Distribution of Some Harmful Scale Insects (Homoptera, Coccidea)	73	99
VINOKUROV, N.N.: The Systematics and Intraspecific Variability of Capsid Bugs of the Genus Capsus (Heteroptera, Miridae)	76	103
ZAYTSEVA, I.F.: A Review of Capsid Bugs of the Genus Notostira Fieb. (Heteroptera, Miridae) in the Caucasus	86	116
LOGVINOVSKIY, V.D.: Beetles of the Subfamily Ernobiinae (Coleoptera, Anobiidae) in the Soviet Fauna and Their Systematics	90	121
HOANG DUC NHUAN: The Subfamily Epilachninae (Coleoptera, Coccinellidae) in North Vietnam. Communication I.	98	132
MAMAYEV (MAMAEV), B.M. AND M.YE. TER-MINASYAN (TER-MINASSIAN): A New Weevil Species of the Genus Eugeniodecus Arnoldi (Coleoptera, Curculionidae) from Turkmenia	109	146
NASREDDINOV, KH.A.: A New Weevil Species of the Genus Mononychus Germ. (Coleoptera, Curcukionidae) from Tadzhikistan	111	148
GERSHENZON (GERSHENSON), Z.S.: Ermine Moths of the Genus Yponomeuta Latr. (Lepidoptera, Yponomeutidae) in the Far East	112	150
KASPARYAN, D.R.: A Revision of the Genus Eclytus Holmgren (Hymenoptera, Ichneumonidae)	116	156
MYARTSEVA, S.N.: The Genus Neococcidencyrtus (Hymenoptera, Encyrtidae) New to the USSR, and a Description of a New Species, N. Steinbergi, sp. n., from Southwestern Turkmenia	130	171

	English Page	Russian Page
KOSTYUKOV (KOSTJUKOV), V.V.: Comparative Morphology of Chalcids of the Subfamily Tetrastichinae and the System of the Genus Tetrastichus Haliday, 1844 (Hymenoptera, Eulophidae)	134	177
LELEY (LELEJ), A.S.: A New Genus and Species of the Mutillidae (Hymenoptera) from Turkmenia	146	195
ARNOL'DI (ARNOLDI), K.V.: New and Little Known Species of the Genus Leptothorax Mayr (Hymenoptera, Formicidae) in the European Regions of the USSR and the Caucasus	148	198
NARCHUK (NARTSHUK), E.P. AND R. ROZKOSNY: The Synonymy of Palearctic Soldier Flies of the Genus Nemotelus Geoffroy (Diptera, Stratiomyidae)	154	205
GORODKOV, K.B.: New Species of Helomyzidae (Diptera) from the Asian Regions of the USSR	158	211
GRUNIN, K.YA.: The Distribution of Hypodermatidae (Diptera) in the Host Orders Lagomorpha and Rodentia	168	223

NUMBER 2

KOCHETOVA, N.I.: Factors Determining the Sex Ratio in Some Entomophagous Hymenoptera	1	241
ZHANTIYEV, R.D. AND O.S. KORSUNOVSKAYA: The Reaction to Sound of Descending Neurons in the Cervical Connectives of the Cricket Gryllus bimaculatus Deg. (Orthoptera, Gryllidae)	6	248
KIND, T.V.: A Study of the Reactivation of Diapausing Pupae of Acronycta rumicis L. (Lepidoptera, Noctuidae). I. Cold Activation of the Prothoracic Glands in Brainless Pupae	13	258
LUZEV, V.V. (DECEASED) AND V.N. BELOZEROV: Quantitative and Qualitative Changes in the Hemolymph Proteins of Dendrolimus pini L. Caterpillars (Lepidoptera, Lasiocampidae) during Development Without and with Diapause	17	263
TSARICHKOVA, D.B. AND L.V. KARPENKO: Dynamics of Fat Body Reserves in the Onotgeny of Mosquitoes of the Genus Aedes meigen and Synanthropic Flies (Diptera)	22	271
VOZOV, N.A.: The Effect of Fertilizers Used with Winter Wheat on the Abundance and Harmfulness of Eurygaster integriceps Put. (Heteroptera, Scutelleridae)	28	278
YELIZAROV, YU.A. AND S.YU. CHAYKA: Ultrastructure of the Olfactory Sensilla of Horse Flies (Diptera, Tabanidae)	32	283
GAPONOVA, A.F.: The Trophic Links of the Sugar Beet Root Aphid (Pemphigus fuscicornis Koch) (Homoptera, Aphidoidea) and Its Control	39	292
SERGEYEV, V.G.: Notes on the Biology of Weevils of the Genus Apion Herbst (Coleoptera, Curculionidae) in Ivanovo Province	45	300
KRYZHANOVSKAYA, T.V.: The Trophic Links of Weevils of the Genus Ceuthorrhynchus Germ. (Coleoptera, Curculionidae) in the Left Bank Ukraine and the Crimea	48	304
BOL'SHAKOVA, M.D.: The Flight of Honey Bee Drones, Apis mellifera L. (Hymenoptera, Apidae), to the Queen in Relation to Various Ecological Factors	53	310
KOLESNIKOV, V.A.: The Sphecid Wasps (Hymenoptera, Sphecidae) of Bryansk Province as Entomophages	57	315
KONONENKO, V.S.: A Review of the Autumn and Spring Species of Noctuidae (Lepidoptera) in the Southern Maritime Territory	66	326
KAPLIN, V.G.: A Comparative Ecological and Morphological Description of Bristle-Tails of the Family Lepismatidae (Thysanura) in the Eastern Karakum Sands	72	334
PRAVDIN, F.N. AND S.YU. STOROZHENKO: A New Species of the Grylloblattida (Insecta) from the Southern Maritime Territory	85	352
KERZHNER, I.M.: On the Scientific Name of a Common Palearctic Species of the Genus Plea Leach (Heteroptera, Pleidae)	89	357
PUTSHKOV (PUCHKOV), V.G.: New and Little-Known Mirid Bugs (Heteroptera, Miridae) from Mongolia and Soviet Central Asia	91	360
NIKOLAJEV (NIKOLAYEV), G.V.: On the Subgenus Odontotrupes Fairm. of the Genus Geotrupes Latr. (Coleoptera, Scarabaeidae)	101	375
KABAKOV, O.N.: A Review of Beetles of the Subgenus Euonthophagus Balth. of the Genus Onthophagus Latr. (Coleoptera, Scarabaeidae) in the USSR and Neighboring Countries	107	383

	English Page	Russian Page
MAMAYEV, B.M.: Clerid Larvae (Coleoptera, Cleridae) that Prey Upon Forest Pests and Timber Pests	116	395
YEMETS, V.M. AND V.D. LOGVINOVSKIY: A Review of the Genus Xyletinus Latr. (Coleoptera, Anobiidae) in the USSR	125	409
TOBIAS, V.I.: The Genus Opius Wesm. (Hymenoptera, Braconidae as Parasites of Fruit Flies (Diptera, Tephritidae)	132	420
KAZENAS, V.L.: New Digger Wasp Species of the Genus Cerceris Latr. (Hymenoptera, Sphecidae) from Kazakhstan	140	431
YANKOVSKIY, A.V.: The Taxonomic Importance of Premandibular Structure in Black Fly Larvae (Diptera, Simuliidae)	143	435
TERTERYAN, A.YE.: Preimaginal Stages of Therioplectes tricolor Zett. (Diptera, Tabanidae)	147	441
DOSZHANOV, T.N.: A New Species of the Genus Icosta Speiser (Diptera, Hippoboscidae) from the Maritime Territory	153	449
SAVULKINA, M.M.: New Species of Pygmephoridae (Trombidiformes, Tarsonemini) from Rodent Nests	155	452

NUMBER 3

BELOZEROV, V.N. AND M. GALYAL' MURAD: Photoperiodic Regulation of Nymphal Diapause in Hyalomma antolicum (Acarina, Ixodidae)	1	495
STEKOL'NIKOV, A.A., K.A. GEYSPITS, YE.V. KRUSANOVA, AND G.A. MEDVEDEVA: Seasonal Variability in the Photoperiodic Reaction of the Turnip Moth, Agrotis segetum (Lepidoptera, Noctuidae	8	505
BULYGINSKAYA, M.A. AND N.V. VELCHEVA: The Effect of Incomplete Sterilization of the Codling Moth, Laspeyresia pomonella (Lepidoptera, Torticidae), on the Reproductive Functions of the Offspring	15	515
SEKUN, N.P.: Study of the After-Effects of Insecticides on Insects	25	529
STOLYAROV, M.V.: Ecological Populations of Orthoptera, and the Dynamics of Their Biomass and Consumption in the High Mountains of the Greater Caucasus in Georgia	27	532
KHADZHIBEYLI, Z.K.: The Biology, Morphology and Tropic Forms of Species of the Tribe Pulvinariini (Homoptera, Coccoidea) in Georgia	39	546
OSMOLOVSKIY, G.YE. (DECEASED) AND A.A. ZHEMCHUZHINA: The Species of Dendrophilous Leaf-Eating Insects that are Potential Pests of Fruit Plantings in Leningrad Province	42	551
MENSONENE, G.I.: Barypeithes trichopterus (Coleoptera, Curculionidae), a New Pest of Black Chokeberry in Lithuania	49	559
VIYDALEPP (J. VIIDALEPP), YA.: A List of the Geometridae (Lepidoptera) of the USSR. Communication 2	53	564
LOGINOVA, M.M.: A Classification of the Subfamily Arytaininae (Homoptera, Psyllidae). II. A Review of the Genera of the Tribe Cyamophilini	64	577
KONONOVA, E.L.: New Aphid Species (Homoptera, Aphidinea) from Upper Cretaceous Deposits of the Taymyr	72	588
SHAPOSHNIKOV, G.KH. AND A.A. SHAROV: Variability in Panmictic and Clonal Populations of the Aphid Anuraphis farfarae (Homoptera Aphididae)	81	601
YABLOKOV-KHNZORYAN (IABLOKOFF-KHNZORIAN), S.M.: Beetles of the Tribe Laemophloeini (Coleoptera, Cucujidae) in the Soviet Fauna. Communication I	88	610
KIREYCHUK (KIREJTSHUK), A.G.: New and Little Known Species of the Subfamily Meligethinae (Coleoptera, Nitidulidae) in the Palearctic Fauna	99	625
KNOR, I.B.: Descriptions of Larvae of the Tribe Tentyriini (Coleoptera, Tenebrionidae) from Southern Siberia	112	644
KELEYNIKOVA (KELEJNIKOVA), S.I.: New Darkling Beetles (Coleoptera, Tenebrionidae) from Turkmenia	118	653
BROVDIY, V.M.: Larvae of Three Species of the Genus Chrysolina (Coleoptera, Chrysomelidae)	120	656
ZAGULYAYEV (ZAGULAJEV), A.K.: The Classification and Phylogeny of the Subfamily Meessiinae (Lepidoptera, Tineidae)	124	662
TRYAPITSYN (V.A. TRJAPITZIN), V.A., S.N. MYARTSEVA, AND V.V. KOSTYUKOV (V.V. KOSTJUKOV): A New Parasite Species of the Genus Ooencyrtus (Hymenoptera, Chalcidoidea, Encyrtidae) from Vietnam	130	670

	English Page	Russian Page
KURZENKO, N.V.: A Review of Wasps of the Family Eumenidae (Hymenoptera, Vespoidea) in the Soviet Fauna. Genera Paravespa, Paragymnomerus, Tropidodynerus, Gymnomerus, and Odynerus	134	676
RUBTSOV (RUBZOV), I.A. AND N.A. PETROVA: Black Flies of the Tribe Cnephiini (Diptera, Simuliidae) and Diagnoses of the Genera Cnephia and Astega	145	691
RIKHTER (RICHTER), V.A.: Two New Species of the Genus Elfia (Diptera, Tachinidae) from the Eastern Pamirs	150	698
SUKHAREVA, S.I.: Two New Species of Tetrapodili (Acarina) from Gramineae	154	704

NUMBER 4

AKHMEDOV, R.M. AND A.A. ABDINBEKOVA: Factors Controlling the Development and Diapause of Mamestra genistae (Lepidoptera, Noctuidae)	1	713
KHALDEY, YE.L.: The Biology, Phenology and Photoperiodic Reaction of Forficula tomis (Dermaptera, Forficulidae)	6	721
LISTOV, M.V.: The Effect of Pathogenic Protozoa on the Hormone Balance of Flour Beetles (Coleoptera, Tenebrionidae)	13	731
KONURBAYEV, E.O.: The Ecological Classification of Running Waters in Soviet Central Asia and the Distribution Pattern of Black Flies (Diptera, Simuliidae) in Watercourses of Different Types	17	736
STADNITSKIY, G.V. AND V.P. GREBENSHCHIKOVA: The Formation of an Insect Fauna in the Reproductive Organs of Siberian Larch in Artificial Plantations	28	751
TSIBULSKAYA, G.N., T.V. KRYZHANOVSKAYA, AND PHAM VAN LAM: Neuropteroidea Inhabiting Windbreaks in Kiev Province	33	758
ARUTYUNYAN, G.A. AND Z.M. KOZAKEVICH: Phycitids of the Genus Dioryctria (Lepidoptera, Phycitidae) in Armenia	36	762
KUMAKOV, A.P.: Heterocera and Rhopalocera (Macrolepidoptera) of the Limestone Hills around Saratov	38	765
BELYSHEV, B.F. AND A.YU. KHARITONOV: On the History of the Boreal Dragonfly Species Nehalennia speciosa Charp., 1840, and the Center of Origin of the Genus Nehalennia Selys, 1850 (Odonata, Coenagrionidae)	46	776
ZHIL'TSOVA, L.A. AND YU.I. ZAPEKINA-DUL'KEYT: The Nymph of the Baikalian Endemic Stonefly Baikaloperla kozhovi (Plecoptera, Capniidae)	50	781
CHERNOVA (TSHERNOVA), G.P.: The Distribution of the Bug Spathocera tuberculata (Heteroptera, Coreidae) and Similar Species in the USSR	53	785
KALININA, O.I.: A Revision of Species of the Genus Holotrichia Hope (Coleoptera, Scarabaeidae) in the Soviet Fauna	55	788
GURJEVA (GUR'YEVA), YE.L.: On the Systematics of Click Beetles of the Genus Ampedus (Coleoptera, Elateridae)	60	795
VOLKOVICH, M.G.: On the Synonymy of Palearctic Buprestids of the Tribe Acmaeoderini (Coleoptera, Buprestidae)	67	805
MEDVEDEV, G.S.: Darkling Beetles of the Genus Dichillus Jacquelin Du Val (Coleoptera, Tenebrionidae) in the USSR. A Species Identification Key	74	815
KOROTYAEV (KOROTYAYEV), B.A. AND M.E. TER-MINASSIAN (TER-MINASYAN): A Review of Weevils of the Genus Coniocleonus (Coleoptera, Curculionidae) in Eastern Siberia and the Far East	80	823
TSHISTJAKOV (CHISTYAKOV), YU.A.: New and Little Known Notodontidae (Lepidoptera) from the Far East	86	833
SIYTAN, U.V.: A Review of the Tribe Phaeogenini (Hymenoptera, Ichneumonidae) in the European Regions of the USSR	93	843
MARSHAKOV, V.G.: A Review of the Digger Wasps of the Tribe Crabronini (Hymenoptera, Sphecidae) in the USSR. Genus Crabro Fabricius, 1775	101	854
KRIVOSHEINA, N.P.: Xylophilous Larvae of Soldier Flies of the Subfamily Pachygasterinae (Diptera, Stratiomyidae)	113	873
LEHR, P.A.: Robber Flies of the Subfamilies Atomosinae and Laphriinae (Diptera, Asilidae) in Soviet Central Asia and Kazakhstan	123	888
KRIVOSHEINA, N.P. AND A.M. LOBANOV: A New Palearctic Species of the Genus Muscina (Diptera, Muscidae)	132	899
ROHDENDORF, B.B. (DECEASED) AND YU.G. VERVES: New Species of the Genus Blaesoxipha Low (Diptera, Sarcophagidae) from Transcaucasia and the Kopetdag	134	902

	English Page	Russian Page
PAKHORUKOV, N.M. AND A.S. UTOCHKIN: Spiders of the Family Linyphiidae (Aranei) from the Northern Urals that are Little Known or New for the USSR	137	907
AKIMOV, I.A. AND V.V. BARABANOVA: Morphological and Functional Characteristics of the Digestive System in Tetranychid Mites (Trombidiformes, Tetranychoidea)	141	912
KUZNETZOV (KUZNETSOV), N.N.: The Cheyletid Mites (Acariformes, Cheyletidae) of the Crimea	149	923